

10/634914

FILE 'USPATFULL' ENTERED AT 16:35:24 ON 09 NOV 2005
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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 8 Nov 2005 (20051108/PD)
FILE LAST UPDATED: 8 Nov 2005 (20051108/ED)
HIGHEST GRANTED PATENT NUMBER: US6964061
HIGHEST APPLICATION PUBLICATION NUMBER: US2005246811
CA INDEXING IS CURRENT THROUGH 8 Nov 2005 (20051108/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 8 Nov 2005 (20051108/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

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>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

L1 14 SEA ABB=ON PLU=ON BURNIE J?/AU
L2 235 SEA ABB=ON PLU=ON MATTHEWS R?/AU
L3 11 SEA ABB=ON PLU=ON L1 AND L2
L4 1 SEA ABB=ON PLU=ON (L1 OR L2) AND (CHLAMYDIA OR (CHLAMYDIA
OR C) (W) PNEUMONIAE)
L5 11 SEA ABB=ON PLU=ON L3 OR L4

L5 ANSWER 1 OF 11 USPATFULL on STN
ACCESSION NUMBER: 2005:137518 USPATFULL
TITLE: Treatment of micro-organism infection
INVENTOR(S): Burnie, James Peter, Cheshire, UNITED
KINGDOM
Matthews, Ruth Christine, Cheshire,
UNITED KINGDOM
PATENT ASSIGNEE(S): NeuTec Pharma Plc, Manchester, UNITED KINGDOM, M13
9WL (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2005118162 | A1 | 20050602 |
| APPLICATION INFO.: | US 2003-496507 | A1 | 20021113 (10) |
| | WO 2002-GB5135 | | 20021113 |

NUMBER DATE

Searcher : Shears 571-272-2528

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PRIORITY INFORMATION: GB 2003-127983 20011122
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ROTHWELL, FIGG, ERNST & MANBECK, P.C., 1425 K
STREET, N.W., SUITE 800, WASHINGTON, DC, 20005, US
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1-20
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 1185

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is concerned with novel antibodies,
medicaments, pharmaceutical packs, methods of manufacture of
medicaments and methods for the treatment of micro-organism
infections, particularly for the treatment of Staphylococcal
infections such as S. aureus infections including MRSA infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 11 USPATFULL on STN
ACCESSION NUMBER: 2004:39265 USPATFULL
TITLE: Medicament
INVENTOR(S): Burnie, James P., Alderley Edge, UNITED
KINGDOM
Matthews, Ruth C., Alderley Edge, UNITED
KINGDOM
PATENT ASSIGNEE(S): NeuTec Pharma plc, Manchester, UNITED KINGDOM
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004029806 | A1 | 20040212 |
| APPLICATION INFO.: | US 2003-634914 | A1 | 20030806 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2001-889314, filed on 20 Nov 2001, PENDING A 371 of International Ser. No. WO 2000-GB237, filed on 28 Jan 2000, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | GB 1999-2555 | 19990205 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | PILLSBURY WINTHROP, LLP, P.O. BOX 10500, MCLEAN, VA, 22102 | |
| NUMBER OF CLAIMS: | 3 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 792 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention concerns treatment, prevention and diagnosis
of infection due to **Chlamydia pneumoniae** and, in
particular, to the prevention and treatment of atherosclerosis,
including coronary atherosclerosis, caused by same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 11 USPATFULL on STN
ACCESSION NUMBER: 2003:173257 USPATFULL
TITLE: Treatment and diagnosis of infections of gram
positive cocci

Searcher : Shears 571-272-2528

INVENTOR(S): **Burnie, James Peter**, Alderley Edge,
UNITED KINGDOM
Matthews, Ruth Christine, Alderley Edge,
UNITED KINGDOM
PATENT ASSIGNEE(S): **NeuTec Pharma plc.**, Manchester, UNITED KINGDOM
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003119101 | A1 | 20030626 |
| | US 6881410 | B2 | 20050419 |
| APPLICATION INFO.: | US 2002-54968 | A1 | 20020125 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1999-214307, filed on 4 Jan 1999, PENDING A 371 of International Ser. No. WO 1997-GB1830, filed on 7 Jul 1997, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | GB 1996-14274 | 19960706 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | PILLSBURY WINTHROP, LLP, P.O. BOX 10500, MCLEAN, VA, 22102 | |
| NUMBER OF CLAIMS: | 41 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 3 Drawing Page(s) | |
| LINE COUNT: | 1169 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides bacterial and fungal ABC transporter proteins, immunogenic fragments thereof, neutralising agents specific thereto and binding agents specific thereto for therapeutic and diagnostic use, together with diagnostic test methods, methods of same and kits for performing same. Also provided are immunodominant conserved antigens from gram positive staphylococci, together with neutralising and binding agents specific thereto for use in therapy and diagnosis, and methods of same. Also provided are Staphylococcal holomogues of IstA and IstB and immunogenic fragments thereof, and their uses in methods of treatment and diagnosis of the human or animal body.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 11 USPATFULL on STN
ACCESSION NUMBER: 2003:95810 USPATFULL
TITLE: Treatment and diagnosis of infections of gram positive cocci
INVENTOR(S): **Burnie, James Peter**, Alderley Edge,
UNITED KINGDOM
Matthews, Ruth Christine, Alderley Edge,
UNITED KINGDOM
PATENT ASSIGNEE(S): **NeuTec Pharma plc**, Manchester, UNITED KINGDOM
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6544516 | B1 | 20030408 |
| | WO 9801154 | | 19980115 |
| APPLICATION INFO.: | US 1999-214307 | | 19990104 (9) |
| | WO 1997-GB1830 | | 19970707 |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | GB 1996-14274 | 19960706 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Housel, James | |
| ASSISTANT EXAMINER: | Winkler, Ulrike | |
| LEGAL REPRESENTATIVE: | Pillsbury Winthrop LLP | |
| NUMBER OF CLAIMS: | 1 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 3 Drawing Figure(s); 3 Drawing Page(s) | |
| LINE COUNT: | 991 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides bacterial and fungal ABC transporter proteins, immunogenic fragments thereof, neutralizing agents specific thereto and binding agents specific thereto for therapeutic and diagnostic use, together with diagnostic test methods, methods of same and kits for performing same. Also provided are immunodominant conserved antigens from gram positive staphylococci, together with neutralising and binding agents specific thereto for use in therapy and diagnosis, and methods of same. Also provided are Staphylococcal homologues of IstA and IstB and immunogenic fragment thereof, and their uses in methods of treatment and diagnosis of the human or animal body.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 11 USPATFULL on STN

ACCESSION NUMBER: 2003:93784 USPATFULL
 TITLE: Epitopes of shigella like toxin and their use as vaccine and in diagnosis
 INVENTOR(S): **Burnie, James Peter**, Alderley Edge, UNITED KINGDOM
Matthews, Ruth Christine, Alderley Edge, UNITED KINGDOM
 PATENT ASSIGNEE(S): NeuTech Pharma PLC, Manchester, UNITED KINGDOM (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003065145 | A1 | 20030403 |
| APPLICATION INFO.: | US 2002-157240 | A1 | 20020530 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2000-463129, filed on 20 Jan 2000, GRANTED, Pat. No. US 6410024 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | Pillsbury Winthrop LLP, Intellectual Property Group, 1600 Tysons Boulevard, McLean, VA, 22102 | | |
| NUMBER OF CLAIMS: | 18 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 540 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention concerns immunogenic epitopes of Shigella-like toxins (SLTs), particularly the Shigella-like toxin of E. coli O157:H7, their use as immunogens and in treatment or diagnosis, agents (for example antibodies and antigen-binding fragments) which specifically neutralise them, their use in treatment and diagnosis, and methods for same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 11 USPATFULL on STN

ACCESSION NUMBER: 2002:152208 USPATFULL
 TITLE: Epitopes of shigella like toxin and their use as vaccine and in diagnosis
 INVENTOR(S): **Burnie, James Peter**, Alderley Edge, UNITED KINGDOM
Matthews, Ruth Christine, Alderley Edge, UNITED KINGDOM
 PATENT ASSIGNEE(S): NeuTech Pharma PLC, Manchester, UNITED KINGDOM (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6410024 | B1 | 20020625 |
| | WO 9905169 | | 19990204 |
| APPLICATION INFO.: | US 2000-463129 | | 20000120 (9) |
| | WO 1998-GB2156 | | 19980717 |
| | | | 20000120 PCT 371 date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | GB 1997-15177 | 19970721 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Smith, Lynette R. F. | |
| ASSISTANT EXAMINER: | Portner, Ginny Allen | |
| LEGAL REPRESENTATIVE: | Pillsbury Winthrop LLP | |
| NUMBER OF CLAIMS: | 6 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 0 Drawing Page(s) | |
| LINE COUNT: | 463 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention concerns immunogenic epitopes of Shigella-like toxins (SLTs), particularly the Shigella-like toxin of E. coli 0157:H7, their use as immunogens and in treatment or diagnosis, agents (for example antibodies and antigen-binding fragments) which specifically neutralise them, their use in treatment and diagnosis, and methods for same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 11 USPATFULL on STN

ACCESSION NUMBER: 1999:7145 USPATFULL
 TITLE: Diagnosis and treatment of infections due to Streptococci and Enterococci
 INVENTOR(S): **Burnie, James Peter**, Alderley Edge, United Kingdom
Matthews, Ruth Christine, Alderley Edge, United Kingdom
 PATENT ASSIGNEE(S): NeuTec Pharma plc, United Kingdom (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 5861157 | | 19990119 |
| APPLICATION INFO.: | US 1996-687956 | | 19960729 (8) |

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| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | GB 1994-1689 | 19940128 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Caputa, Anthony C. | |
| ASSISTANT EXAMINER: | Navarro, Mark | |
| LEGAL REPRESENTATIVE: | Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro LLP | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 11 Drawing Figure(s); 11 Drawing Page(s) | |
| LINE COUNT: | 2243 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a purified bacterial protein expressed during infection due to streptococci or enterococci and isolated from human sera, together with immunogenic fragments, analogs, inhibitors, antibodies and antigenic fragments specific thereto. Also provided is a DNA sequence coding for a bacterial protein or an immunogenic fragment or an analogue thereof expressed during infection due to Streptococci or Enterococci, together with homologues thereof, together with vectors, probes and inhibitors therefor. Also provided is fibronectin or an immunogenic fragment thereof or an analogue thereof or an antibody thereto or an antigen binding fragment thereof when used in a method of treatment or diagnosis of the human or animal body for infection due to Streptococci or Enterococci. Also provided are antibodies specific to HSP 90 or immunogenic fragments or analogues thereof for use in a method of diagnosis or treatment of the human or animal body of infection due to streptococci or enterococci due to any one of the group of S.oralis, S.gordonii, S.sanguis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 11 USPATFULL on STN
ACCESSION NUMBER: 1998:79314 USPATFULL
TITLE: Stress protein epitopes
INVENTOR(S): **Burnie, James Peter**, Wilmslow, Great Britain
Matthews, Ruth Christine, Wilmslow, Great Britain
PATENT ASSIGNEE(S): NeuTec Pharma Plc, United Kingdom (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 5777083 | | 19980707 |
| | WO 9404676 | | 19940303 |
| APPLICATION INFO.: | US 1995-387790 | | 19950410 (8) |
| | WO 1993-GB1745 | | 19930817 |
| | | | 19950410 PCT 371 date |
| | | | 19950410 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|---------------|----------|
| PRIORITY INFORMATION: | GB 1992-17542 | 19920818 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |

Searcher : Shears 571-272-2528

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PRIMARY EXAMINER: Housel, James C.
ASSISTANT EXAMINER: Portner, Ginny Allen
LEGAL REPRESENTATIVE: Cushman Darby & Cushman IP Group of Pillsbury
Madison & Sutro

NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
LINE COUNT: 846

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A functional epitope which is purified from human HSP 90 or which is synthesised to correspond to such a purified epitope, which is, if purified, unchanged or changed by substitution of selected amino acids and if synthesised is identical to a purified epitope or differs from a purified epitope by substitution of selected amino acids, and which cross-reacts with an antibody raised against a stress protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 11 USPATFULL on STN

ACCESSION NUMBER: 97:104280 USPATFULL

TITLE: Fungal stress proteins

INVENTOR(S): Burnie, James Peter, Wilmslow, United Kingdom

Matthews, Ruth Christine, Wilmslow, United Kingdom

PATENT ASSIGNEE(S): The Victoria University of Manchester, United Kingdom (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 5686248 | | 19971111 |
| APPLICATION INFO.: | US 1996-672514 | | 19960628 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-357264, filed on 13 Dec 1994, now patented, Pat. No. US 5541077 which is a continuation of Ser. No. US 1993-152669, filed on 16 Nov 1993, now abandoned which is a division of Ser. No. US 1991-663897, filed on 14 Mar 1991, now patented, Pat. No. US 5288639, issued on 22 Feb 1994 | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | GB 1989-15019 | 19890630 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Sisson, Bradley L. | |
| LEGAL REPRESENTATIVE: | Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro | |
| NUMBER OF CLAIMS: | 4 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 7 Drawing Page(s) | |
| LINE COUNT: | 915 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polypeptide sequence from Candida albicans is described which has significant sequence homology with known stress proteins from other organisms, particularly the heat shock protein hsp 90 of Saccharomyces cerevisiae. Corresponding DNA sequences are also described, together with antibodies raised against fragments of the sequence. The polypeptide and DNA sequences and antibodies provide

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separate means for the diagnosis and/or treatment of fungal, particularly Candida, infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 10 OF 11 USPATFULL on STN

ACCESSION NUMBER: 96:67899 USPATFULL
TITLE: Fungal stress proteins
INVENTOR(S): **Burnie, James P.**, Wilmslow, United Kingdom
Matthews, Ruth C., Wilmslow, United Kingdom
PATENT ASSIGNEE(S): The Victoria University of Manchester, Manchester, England (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 5541077 | | 19960730 |
| APPLICATION INFO.: | US 1994-357264 | | 19941213 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1993-152669, filed on 16 Nov 1993, now abandoned which is a division of Ser. No. US 1991-663897, filed on 14 Mar 1991, now patented, Pat. No. US 5288639, issued on 22 Feb 1994 | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | GB 1989-15019 | 19890630 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Ceperley, Mary E. | |
| LEGAL REPRESENTATIVE: | Cushman, Darby & Cushman | |
| NUMBER OF CLAIMS: | 5 | |
| EXEMPLARY CLAIM: | 1,2 | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 7 Drawing Page(s) | |
| LINE COUNT: | 916 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polypeptide sequence from Candida albicans is described which has significant sequence homology with known stress proteins from other organism, particularly the heat shock protein hsp 90 of Sacchromyces cerevisiae. Corresponding DNA sequences are also described, together with antibodies raised against fragments of the sequence. The polypeptide and DNA sequences and antibodies provide separate means for the diagnosis and/or treatment of fungal, particularly Candida, infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 11 OF 11 USPATFULL on STN

ACCESSION NUMBER: 94:15663 USPATFULL
TITLE: Fungal stress proteins
INVENTOR(S): **Burnie, James P.**, Wilmslow, United Kingdom
Matthews, Ruth C., Wilmslow, United Kingdom
PATENT ASSIGNEE(S): The Victoria University of Manchester, Manchester, England (non-U.S. corporation)

| NUMBER | KIND | DATE |
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| PATENT INFORMATION: | US 5288639 | 19940222 | |
| | WO 9100351 | 19910110 | |
| APPLICATION INFO.: | US 1991-663897 | 19910314 | (7) |
| | WO 1990-GB1021 | 19900702 | |
| | | 19910314 | PCT 371 date |
| | | 19910314 | PCT 102(e) date |

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| | NUMBER | DATE |
| PRIORITY INFORMATION: | GB 1989-15019 | 19890630 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Wax, Robert A. | |
| ASSISTANT EXAMINER: | Bugaisky, Gabriele E. | |
| LEGAL REPRESENTATIVE: | Cushman, Darby & Cushman | |
| NUMBER OF CLAIMS: | 11 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 7 Drawing Page(s) | |
| LINE COUNT: | 830 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polypeptide sequence from *Candida albicans* is described which has significant sequence homology with known stress proteins from other organisms, particularly the heat shock protein hsp 90 of *Sacchromyces cerevisiae*. Corresponding DNA sequences are also described, together with antibodies raised against fragments of the sequence. The polypeptide and DNA sequences and antibodies provide separate means for the diagnosis and/or treatment of fungal, particularly *Candida*, infections.

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| L1 | 14 | SEA | ABB=ON | PLU=ON | BURNIE J?/AU |
| L2 | 235 | SEA | ABB=ON | PLU=ON | MATTHEWS R?/AU |
| L3 | 11 | SEA | ABB=ON | PLU=ON | L1 AND L2 |
| L4 | 1 | SEA | ABB=ON | PLU=ON | (L1 OR L2) AND (CHLAMYDIA OR (CHLAMYDIA OR C) (W) PNEUMONIAE) |
| L5 | 11 | SEA | ABB=ON | PLU=ON | L3 OR L4 |

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FILE LAST UPDATED: 8 Nov 2005 (20051108/ED)
HIGHEST GRANTED PATENT NUMBER: US6964061
HIGHEST APPLICATION PUBLICATION NUMBER: US2005246811
CA INDEXING IS CURRENT THROUGH 8 Nov 2005 (20051108/UPCA)
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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

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